

Janie 11/16/88
PRESTON LEASE

LATITUDE 39-25-00

N45E
218.62'

**PRESTON
WELL NO. 1
REVISED
92 ACRES±
TOTAL**

N 45 E
660'

S 61 E
165'

S 70-30E
165'

LIND et al

N45E
817.58'

S 34E
437.25'

39 ACRE± SURFACE

26 ACRE± SURFACE

27 ACRE±
SURFACE

MERCER

S 32 E
2656.50'

LONGITUDE 80-50-00

NORTH
N13-30W
1666.50'

ASH

22" BLACK
WALNUT

N86-24W

1683.55'

NO.1
REV. S75-59E

1681.73'

S68-3E 472.66'

FARM
ROAD
WITH
S 45 W
374'

N 67-30W
598.12'

ACCESS

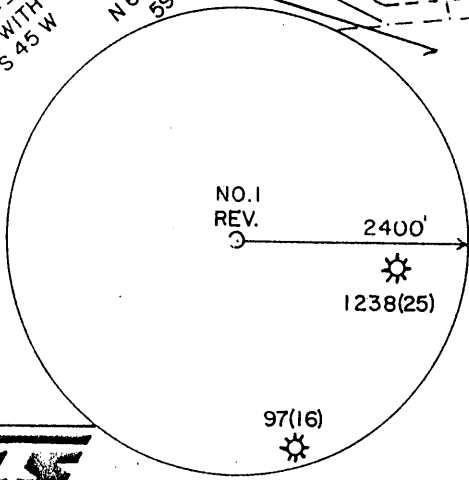
S44-59W 199.27'

1650'

S 82 W

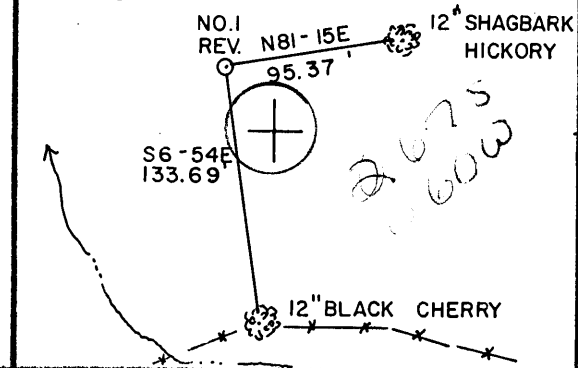
E/C
1238
(25)

CLARK et ux



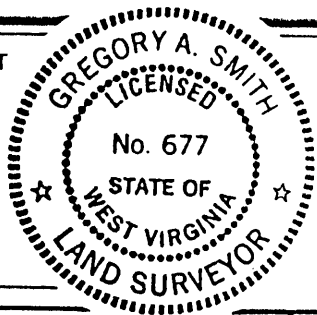
REFERENCES

1" = 100'



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

L.L.S. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE NOVEMBER 14, 19 88

OPERATORS WELL NO. PRESTON NO. 1 REV.

API WELL NO. 47-095-1266 REV.
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1877(24-62)
PROVEN SOURCE OF ELEVATION BENCH MARK ELEV. 734' SCALE 1" = 400'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 747' WATERSHED LITTLE CAMP MISTAKE RUN

DISTRICT CENTERVILLE 1 COUNTY TYLER QUADRANGLE SHIRLEY 7.5' 607

SURFACE OWNER DAVID A. PRESTON et al ACREAGE 27 OF 92 133

ROYALTY OWNER JAMES R. ASH ETUX. LEASE ACREAGE 92 5

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD

FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON

ESTIMATED DEPTH 5100' **NOV 18 1988**

WELL OPERATOR ANVIL OIL CO., INC. DESIGNATED AGENT JUSTIN HENDERSON **NOV 18 1988**

ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

COUNTY NAME

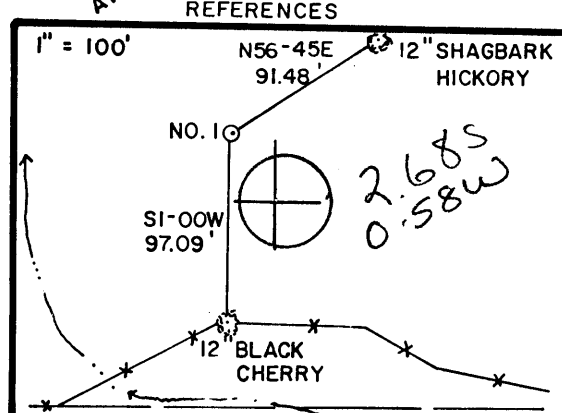
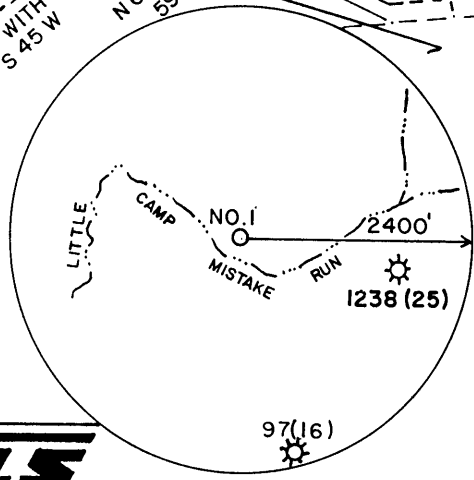
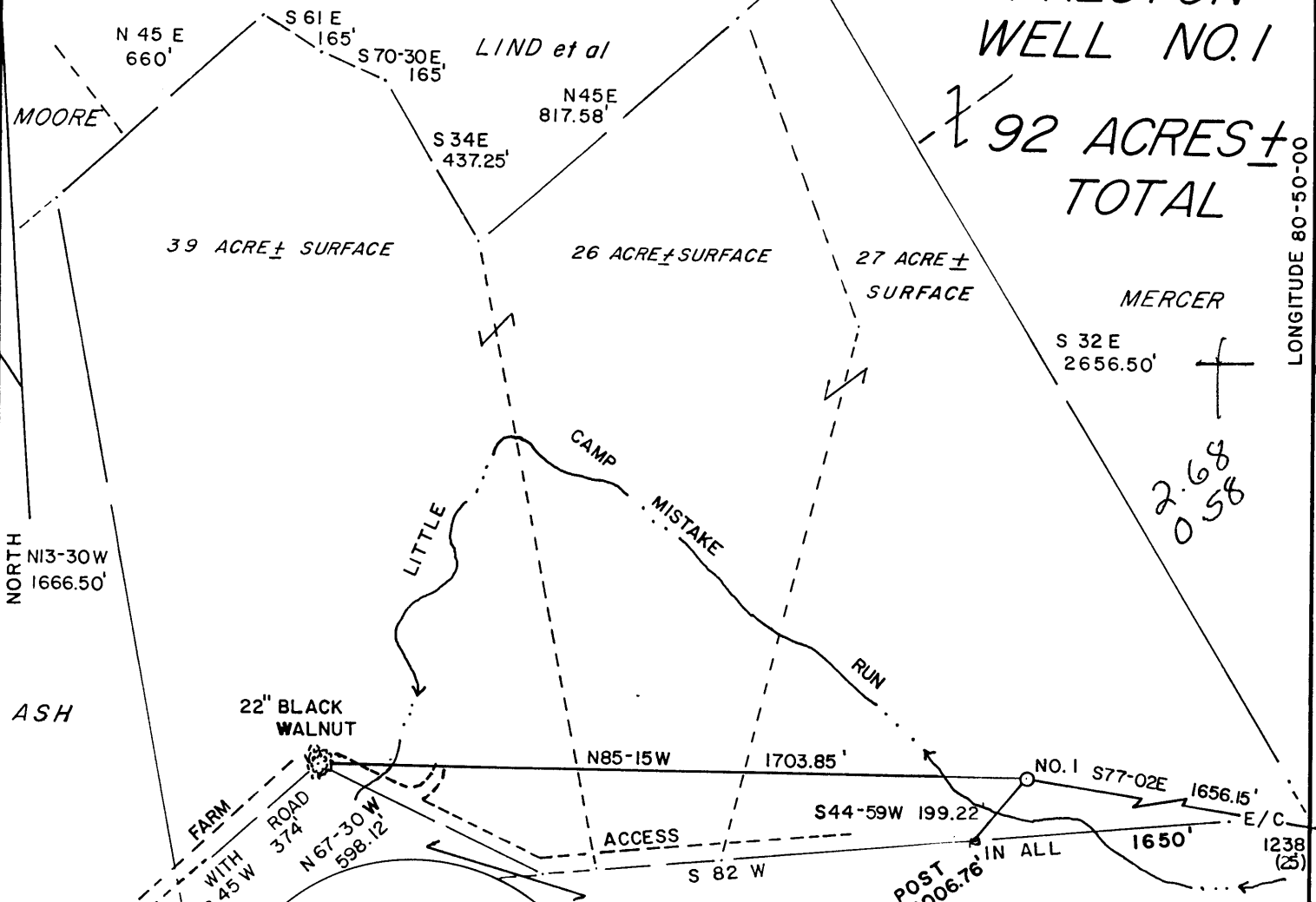
PERMIT

575

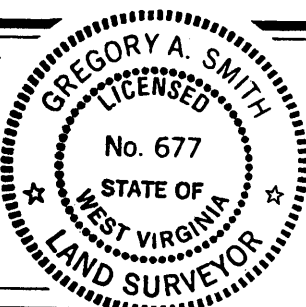
Done 10/31/88
PRESTON LEASE

PRESTON WELL NO. 1

92 ACRES ± TOTAL



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.



L.L.S. *Gregory A. Smith*
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 1, 19 88
 OPERATORS WELL NO. PRESTON NO.1
 API WELL NO. 47 - 095 - 1266
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1877(24-62)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEV. 734' SCALE 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 747' WATERSHED LITTLE CAMP MISTAKE RUN West Union C
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE SHIRLEY 7.5' (607)
 SURFACE OWNER DAVID A. PRESTON et al ACREAGE 27 OF 92 133
 ROYALTY OWNER JAMES R. ASH ETUX. LEASE ACREAGE 92 S
 PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BENSON
 ESTIMATED DEPTH 5100'

WELL OPERATOR ANVIL OIL CO., INC. DESIGNATED AGENT JUSTIN HENDERSON NOV 7 1988
 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

WR-35
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 SEP 25 1989

04-Nov-88
 API # 47- 95-01266

State of West Virginia
 DEPARTMENT OF ENERGY
 Division of Oil and Gas

DIVISION OF OIL & GAS Well Operator's Report of Well Work
 DEPARTMENT OF ENERGY

Farm name: PRESTON, DAVID Operator Well No.: PRESTON 1

LOCATION: Elevation: 747.00 Quadrangle: SHIRLEY

District: CENTERVILLE County: TYLER
 Latitude: 14190 Feet South of 39 Des. 25Min. 0 Sec.
 Longitude 3150 Feet West of 80 Des. 50 Min. 0 Sec.

Company: ANVIL OIL CO., INC.
 P. O. BOX 1230
 FAIRMONT, WV

Agent: JUSTIN L. HENDERSON

Inspector: GLEN P. ROBINSON

Permit Issued: 11/06/88

Well work Commenced: 11-14-88

Well work Completed: 11-20-88

Verbal Plugging

Permission granted on:

Rotary Cable Ris

Total Depth (feet) 4868

Fresh water depths (ft) 110

Salt water depths (ft) 1558

Is coal being mined in area (Y/N)?

Coal Depths (ft): 390-395

Casings & Tubing Size	Used in Drilling	Left in Well	Cement Fill Cu. Ft.
11-3/4	103	103	50 sks
8-5/8	976	976	200 sks
4-1/2	4729	4729	290 sks

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4668-486
 Gas: Initial open flow smell MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure _____ psig (surface pressure) after 48 Hours

Second producing formation Riley Pay zone depth (ft) _____
 Gas: Initial open flow smell MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure _____ psig (surface pressure) after 48 Hours

SEP 29 1989

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: ANVIL OIL CO., INC.

By: 
 Date: 1-15-89

Well treated as follows:

Benson perforated from 5010-5014 with 14 holes. Fracked with sand, bbls treated fluid, Avg rate bpm, AVg psi

Riley perforated from with 14 holes. Fracked with sand, bbls treated fluid, Avg rate bbls pm, AVg psi

Electric log tops

Big Lime-----1585

Berea-----2182

Riley-----4260

Benson-----4668

creek rock/sd	0----	45	
sd/sh	45----	103	
sd	103----	112	hole wet 110
sh	112----	145	
rr/sh	145----	259	
sd	259----	390	
coal	390----	395	
sh	395----	406	
rr	406----	420	
sh/sd	420----	520	
rr/sh	520----	1053	
sd	1053----	1100	
sh	1100----	1118	
sd	1118----	1205	
sh	1205----	1209	
sh	1209----	1225	
sd	1225----	1237	
sh	1237----	1585	salt water 1558
B. Lime	1585----	1700	
Injun.	1700----	1785	
sh	1785----	4868	

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SEP 25 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

[Handwritten signature]

**STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION**

- 1) Well Operator: Arvil Oil Co. Inc. *2275, 1, 606*
- 2) Operator's Well Number: Prseton #1 3) Elevation: 747
- 4) Well type: (a) Oil ___ / or Gas XXX
 (b) If Gas: Production XXX Underground Storage ___
 Deep ___ Shallow ___
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 4900 feet
- 7) Approximate fresh water strata depths: 40, 52, 127, 327, 402-443'
- 8) Approximate salt water depths: 1570, 1202'
FW 1141 & Tyler 120, 400 & 428
- 9) Approximate coal seam depths: none *Coal possible at 362' possible at 404' & 698'*
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No XXX /
- 11) Proposed Well Work: Drill and stimulate *New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4	H-140	42	120'	120'	CTS
Fresh Water						
Coal						
Intermediate	8 5/8		23#	850	850	380SR18-11.3 380SR18-11.2, 2
Production	4 1/2	j-55	10.5	4900	4850	cts 380SR18-11.1 as per rule
Tubing						
Liners						

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 OCT 21 1988

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond 50 Blanket Agent
 (Type)

*2413
 137*

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- 1) Date: October 18, 1988
- 2) Operator's well number
Preston #1
- 3) API Well No: 47 - 095 - 1266
State - County - Permit

**DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY**

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name David Preston
Address Rt. 9 Box 464-H
Fairmont WV 26554
 - (b) Name Thomas A. Preston and Betty L. Preston, husband and wife
Address: 1707 Morgantown, Ave., Fairmont, WV
26554
 - (c) Name _____
Address _____
- 6) Inspector Glenn Robinson
Address _____
Telephone (304)- _____

- 5) (a) Coal Operator:
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

XXX Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
_____ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

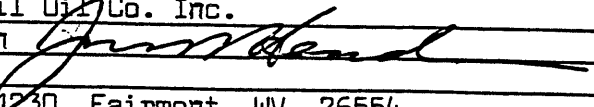
- XXX Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Anvil Oil Co. Inc.

By: Justin Henderson 

Its: President

Address P.O. Box 1230 Fairmont WV 26554

Telephone 304-363-1362

Subscribed and sworn before me this 18 day of October, 1988

My commission expires 9-24-90 Jerry Bruce Poling Notary Public